

- ☐ Drafts
- ☐ Pending
- ☒ Active
  - ☒ L1: (408) (bar or shaft or tube or arm
  - ☒ L2: (16) Combined citation search 1
- ☐ Failed
- ☐ Saved
- ☐ Favorites
- ☐ Tagged (11)
- ☐ UDC
- ☐ Queue
- ☐ Trash

Search

DBs

☐ Details

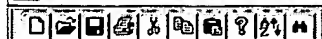
Default operator:

☒ Highlight all hit terms initially

(bar or shaft or tube or arm) with (extend or expand or telescop\$ or retract) with (spring near3 tension)

BRS  
Search 1/19/06  
ref 22/06

	U	1	Document ID	Issue Date	Pages	Title	Current OR	Current XRef	Retrieval C	In
1	<input type="checkbox"/>	<input checked="" type="checkbox"/>	US 6629405 B2	20031007	6	Western style stirrup with internal springs	54/48			Johnson;
2	<input type="checkbox"/>	<input checked="" type="checkbox"/>	US 5882342 A	19990316	10	Safety medical syringe with retractable needle	604/195	604/110; 604/198		Cooper; D al.
3	<input type="checkbox"/>	<input checked="" type="checkbox"/>	US 5787633 A	19980804	6	Ballistic fishing lure	43/42.02	43/42.36		Taylor; J
4	<input type="checkbox"/>	<input checked="" type="checkbox"/>	US 5527217 A	19960618	29	Adjustable device for exhaustion and/or supply of	454/63	454/65		Engstrom;
5	<input type="checkbox"/>	<input checked="" type="checkbox"/>	US 5447346 A	19950905	6	Portable, adjustable, telescopic clamping lock for	292/289	292/258		Virzi; Al
6	<input type="checkbox"/>	<input checked="" type="checkbox"/>	US 5243926 A	19930914	6	Apparatus for securing watercraft to a dock	114/230.19			Wright; T al.
7	<input type="checkbox"/>	<input checked="" type="checkbox"/>	US 5176396 A	19930105	8	Fifth wheel unlocking device with fluid powered	280/434	280/437		Hawthorne et al.
8	<input type="checkbox"/>	<input checked="" type="checkbox"/>	US 5139264 A	19920818	12	Golf training apparatus	473/229			Wootten;
9	<input type="checkbox"/>	<input checked="" type="checkbox"/>	US 4789123 A	19881206	8	Telescopic stay	248/240.4	108/80; 108/82;		Mattsson;
10	<input type="checkbox"/>	<input checked="" type="checkbox"/>	US 3897055 A	19750729	8	Adjustable climbing apparatus	482/36			Caldow; D



- ☐ Drafts
- ☐ Pending
- ☒ Active
  - ☒ L1: (408) (bar or shaft or tube or arm
  - ☒ L2: (16) Combined citation search 1
  - ☒ L3: (1318) (bar or shaft or tube or arm
  - ☒ L4: (204) ((bar or shaft or tube or arm
  - ☒ L5: (239) (267/73).CCLS.
  - ☒ L6: (415) (267/74).CCLS.
- ☐ Failed
- ☐ Saved
- ☐ Favorites
- ☒ Tagged (16)
- ☐ UDC
- ☐ Queue
- ☐ Trash

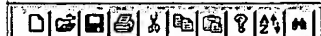
    

DBs US-PGPUB: USPAT

Default operator: OR

☒ Highlight all hit terms initially
☒ BRS form ☒ IS&R form ☒ Image ☒ Text ☒ HTML

	U		Document ID	Issue Date	Pages	Title	Current OR	Current XRef	Retrieval C	In
1	<input type="checkbox"/>	<input checked="" type="checkbox"/>	US 6629405 B2	20031007	6	Western style stirrup with internal springs	54/48			Johnson;
2	<input type="checkbox"/>	<input checked="" type="checkbox"/>	US 5882342 A	19990316	10	Safety medical syringe with retractable needle	604/195	604/110; 604/198		Cooper; D al.
3	<input type="checkbox"/>	<input checked="" type="checkbox"/>	US 5787633 A	19980804	6	Ballistic fishing lure	43/42.02	43/42.36		Taylor; J
4	<input type="checkbox"/>	<input checked="" type="checkbox"/>	US 5527217 A	19960618	29	Adjustable device for exhaustion and/or supply of	454/63	454/65		Engstrom;
5	<input type="checkbox"/>	<input checked="" type="checkbox"/>	US 5447346 A	19950905	6	Portable, adjustable, telescopic clamping lock for	292/289	292/258		Virzi; Al
6	<input type="checkbox"/>	<input checked="" type="checkbox"/>	US 5243926 A	19930914	6	Apparatus for securing watercraft to a dock	114/230.19			Wright; T al.
7	<input type="checkbox"/>	<input checked="" type="checkbox"/>	US 5176396 A	19930105	8	Fifth wheel unlocking device with fluid powered	280/434	280/437		Hawthorne et al.
8	<input type="checkbox"/>	<input checked="" type="checkbox"/>	US 5139264 A	19920818	12	Golf training apparatus	473/229			Wootten;
9	<input type="checkbox"/>	<input checked="" type="checkbox"/>	US 4789123 A	19881206	8	Telescopic stay	248/240.4	108/80; 108/82;		Mattsson;
10	<input type="checkbox"/>	<input checked="" type="checkbox"/>	US 2835522 A	19580520	4	Hinged support [TEXT AVAILABLE IN USOCR DATABASE]	16/390	108/82; 16/250;		SERTO FER
11	<input type="checkbox"/>	<input checked="" type="checkbox"/>	US 3897055 A	19750729	8	Adjustable climbing apparatus	482/36			Caldow; D
12	<input type="checkbox"/>	<input checked="" type="checkbox"/>	US 3566434 A	19710302	10	TELESCOPIC CLOSER FOR DOORS	16/66			GRINSTEIN
13	<input type="checkbox"/>	<input checked="" type="checkbox"/>	US 3278979 A	19661018	3	Sliding door closer	16/66	16/72; 16/84		CLEMENT C
14	<input type="checkbox"/>	<input checked="" type="checkbox"/>	US 2602666 A	19520708	7	Football practice apparatus	473/443	104/89; 248/289.11		BURKE WIL
15	<input type="checkbox"/>	<input checked="" type="checkbox"/>	US 2168635 A	19390808	4	Door holder	292/338			WALLACE J
16	<input type="checkbox"/>	<input checked="" type="checkbox"/>	US 4854559 A	19890808	6	Suspension arm for the tub of a laundry washing machine	267/74	188/381; 267/134;		Fialon; B



- ☐ Drafts
- ☐ Pending
- ☒ Active
  - ☒ L1: (1272) ((tension near2 spring) and
  - ☒ L2: (3) ((tension near2 spring) and (e
- ☐ Failed
  - ☒ ((tension near2 spring) and (end or en
- ☐ Saved
- ☐ Favorites
- ☒ Tagged (24)
- ☐ UDC
- ☐ Queue
- ☐ Trash

Search List Browse Queue Gear

DBs US-PGUPB; USPAT

☐ Purbs

Default operator: OR

☒ Highlight all hit terms initially

((tension near2 spring) and (end or ends) and (bar or arm or pole) and (length or distance) and track and trolley).clm.

East  
search

BRS form IS&amp;R form Image Text HTML

	U	Document ID	Issue Date	Pages	Title	Current OR	Current XRef	Retrieval C	Inven
1	<input type="checkbox"/>	US 4723647 A	19880209	16	Belt conveyor and feeder	198/364	119/57.7; 198/816;		Norton; Larr al.
2	<input type="checkbox"/>	US 3658332 A	19720425	13	EVASIVE ACTION TACKLING PRACTICE APPARATUS	473/443			Adduci; Nich al.
3	<input type="checkbox"/>	US 3619431 A	19711109	13	METHOD AND APPARATUS FOR CONSTRUCTING A MONOLITHIC	264/32	264/33; 425/110;		Weaver; Rich al.